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CLAIMS:

1. An iodine preparation composition suitable for use on wounds comprising an iodine source, and oxidant and a buffer characterised in that the iodine is held separately from the oxidant until the point of use, and that the buffer is capable of maintaining the pH of the composition at between pH 4.5 and pH 6 so that iodine is generated at a physiologically acceptable dose and rate.
2. An iodine preparation composition as claimed in claim 1 characterised in that the composition is capable of generating from 5µg of iodine per g of composition per hour to 1500µg of iodine per g of composition per hour, preferably 100µg of iodine per g of composition per hour.
3. An iodine composition as claimed in claim 2 formulated to generate the said levels of iodine over a period of three days.
4. An iodine composition according to any preceding claim wherein the pH of the composition is maintained between 5.4 and 5.8.
5. An iodine composition according to any preceding claim which includes from 0.2% to 2% by weight of iodine.
6. The use of an iodine preparation composition according to any preceding claim for the manufacture of a medicament for use on wounds.
7. Use of an iodine preparation composition according to any preceding claim for the treatment of wounds.
8. Use according to claim 6 or 7 for the treatment of sepsis in wounds.